NOAA WEATHER RADIO BROADCASTS The NOAA Weather Radio stations listed The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at COLREGS, 80.1410 (see note A) high elevations. **UNITED STATES** International Regulations for Preventing Collisions at Sea, 1972.

The entire area of this chart falls seaward of the COLREGS Demarcation Line. Kulani Cone, HI KBA-99 162.55 MHz South Point, HI KBA-99 162.55 MHz HAWAII Height referred to datum of soundings (MLLW) ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.) Aids to Navigation (lights are white unless otherwise indicated): AERO aeronautical HARBORS AND LANDINGS Al alternating B black Bn beacon Rot rotating IQ interrupted quick POLLUTION REPORTS s seconds LT HO lighthouse M nautical mile SEC sector St M statute miles Report all spills of oil and hazardous sub-Oc occulting C can DIA diaphone stances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Or orange HEIGHTS m minutes MICRO TR microwave tower Coast Guard facility if telephone communication is impossible (33 CFR 153). Heights in feet above Mean High Water. Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners. W white NORTHEAST AND SOUTHEAST COASTS OF HAWAI'I Mkr marker R Bn radiobeacon Y yellow AUTHORITIES Hydrography and topography by the National Ocean Service, Coast Survey, with additional Blds boulders bk broken Cy clay so soft Sh shells AIDS TO NAVIGATION Navigation regulations are published in Chapter 2, U.S. G gravel data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard. Coast Pilot 7. Additions or revisions to Chapter 2 are pub-Consult U.S. Coast Guard Light List for S sand lished in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, SOUNDINGS IN FEET AT MEAN LOWER LOW WATER AUTH authorized AUTH authorized Obstn obstruction PD position do ED existence doubtful PA position approximate Rep reported SUPPLEMENTAL INFORMATION Office of the District Engineer, Corps of Engineers in Consult U.S. Coast Pilot 7 for important SOUNDINGS IN FEET Additional information can be obtained at nauticalcharts.noaa.gov. 21. Wreck, rock, obstruction, or shoal swept clear to the depth indicated. Formerly C&GS 4162, 1st Ed., Apr. 1931 (2) Rocks that cover and uncover, with heights in feet above datum of soundings. 9322 155° 33' 30' NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm. 118 KÜKUIHAELE LANDING Mercator Projection Scale 1:2,500 World Geodetic System of 1984 (North American Datum of 1983) HONOKAA LANDING Mooring buoys are established when a vessel HORIZONTAL DATUM HORIZONTAL DATUM Mercator Projection Scale 1:2,500 The horizontal reference datum of this chart is World The horizontal reference datum of this chart is World Geodetic System 1984 (WGS 84), which for charting purposes is considered equivalent to the North American Datum of Geodetic System 1984 (WGS 84), which for charting purposes is considered equivalent to the North American Datum of 1983 (NAD 83). Geographic positions referred to the Old 1983 (NAD 83). Geographic positions referred to the Old Hawaiian Datum must be corrected an average of 11.038" southward and 10.007" eastward to agree with Hawaiian Datum must be corrected an average of 11.038" southward and 10.007" eastward to agree with World Geodetic System of 1984 (North American Datum of 1983) **155**° 28' 155°30' 155°33' HONU'APO HARBOR PUNALU'U HARBOR Mercator Projection Scale 1:2,500 Mercator Projection Scale 1:2,500 World Geodetic System 1984 (North American Datum of 1983) World Geodetic System of 1984 (North American Datum of 1983) HORIZONTAL DATUM The horizontal reference datum of this chart is World is considered equivalent to the North American Datum of 1983 (NAD 83). Geographic positions referred to the Old Hawaiian Datum must be corrected an average of 10.821" southward and 10.012" eastward to agree with this chart. HORIZONTAL DATUM The horizontal reference datum of this chart is World Geodetic System 1984 (WGS 84), which for charting purposes is considered equivalent to the North American Datum of 1983 (NAD 83). Geographic positions referred to the Old Hawaiian Datum must be corrected an average of 10.821" southward and 10.012" eastward to agree with SOURCE DIAGRAM The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, <u>United States Coast Pilot.</u> PUNALU'U B2 1970-1989 NOS Surveys partial bottom coverage B4 1900-1939 NOS Surveys partial bottom coverage 150 SCALE 1:2,500 0.2 Nautical Miles 155°33' Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY 8th Ed., Dec. 2003 **SOUNDINGS IN FEET** CAUTION 19322 Harbors and Landings, Hawai'i This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Imagery and Mapping Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the SOUNDINGS IN FEET - SCALE 1:2,500 METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Last Correction: 12/21/2005. Cleared through: LNM: 3715 (9/15/2015), NM: 3915 (9/26/2015)

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and 46 C.F.R. 28.225(a). POD charts meet stringent print standards and can be recognized by an official certification of authenticity printed on the chart. A list of POD providers can be found at: nauticalcharts.noaa.gov/pod